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**<!DOCTYPE html>**

**<html lang="en">**

**<head>**

**<meta charset="UTF-8" />**

**<title>Simple Calculator</title>**

**<style>**

**body {**

**font-family: "Segoe UI", sans-serif;**

**background: linear-gradient(to right, #74ebd5, #acb6e5);**

**padding: 50px;**

**display: flex;**

**justify-content: center;**

**align-items: center;**

**min-height: 100vh;**

**}**

**.calculator {**

**background-color: #ffffff;**

**padding: 30px;**

**border-radius: 12px;**

**box-shadow: 0 8px 20px rgba(0, 0, 0, 0.15);**

**max-width: 350px;**

**width: 100%;**

**}**

**.calculator h2 {**

**text-align: center;**

**margin-bottom: 25px;**

**color: #333;**

**}**

**.calculator input[type="number"] {**

**width: 100%;**

**padding: 12px;**

**margin-bottom: 15px;**

**border: 2px solid #ddd;**

**border-radius: 8px;**

**font-size: 16px;**

**transition: border-color 0.3s;**

**}**

**.calculator input[type="number"]:focus {**

**border-color: #007bff;**

**outline: none;**

**}**

**.button-group {**

**display: grid;**

**grid-template-columns: repeat(2, 1fr);**

**gap: 10px;**

**margin-top: 10px;**

**}**

**.calculator button {**

**padding: 12px;**

**font-size: 16px;**

**background-color: #007bff;**

**color: white;**

**border: none;**

**border-radius: 8px;**

**cursor: pointer;**

**transition: background-color 0.3s;**

**}**

**.calculator button:hover {**

**background-color: #0056b3;**

**}**

**.result {**

**margin-top: 20px;**

**font-size: 18px;**

**color: #333;**

**text-align: center;**

**min-height: 30px;**

**}**

**</style>**

**</head>**

**<body>**

**<div class="calculator">**

**<h2>Simple Calculator</h2>**

**<input type="number" id="num1" placeholder="Enter first number" />**

**<input type="number" id="num2" placeholder="Enter second number" />**

**<div class="button-group">**

**<button onclick="calculate('+')">Add</button>**

**<button onclick="calculate('-')">Subtract</button>**

**<button onclick="calculate('\*')">Multiply</button>**

**<button onclick="calculate('/')">Divide</button>**

**</div>**

**<div class="result" id="result"></div>**

**</div>**

**<script>**

**function calculate(operator) {**

**let num1 = document.getElementById("num1").value;**

**let num2 = document.getElementById("num2").value;**

**let resultBox = document.getElementById("result");**

**if (num1 === "" || num2 === "") {**

**resultBox.innerText = "Please enter both numbers.";**

**return;**

**}**

**num1 = parseFloat(num1);**

**num2 = parseFloat(num2);**

**let result;**

**switch (operator) {**

**case "+":**

**result = num1 + num2;**

**break;**

**case "-":**

**result = num1 - num2;**

**break;**

**case "\*":**

**result = num1 \* num2;**

**break;**

**case "/":**

**if (num2 === 0) {**

**resultBox.innerText = "Cannot divide by zero.";**

**return;**

**}**

**result = num1 / num2;**

**break;**

**}**

**resultBox.innerText = `Result: ${result}`;**

**}**

**</script>**

**</body>**

**</html>**

**OUTPUT :**

